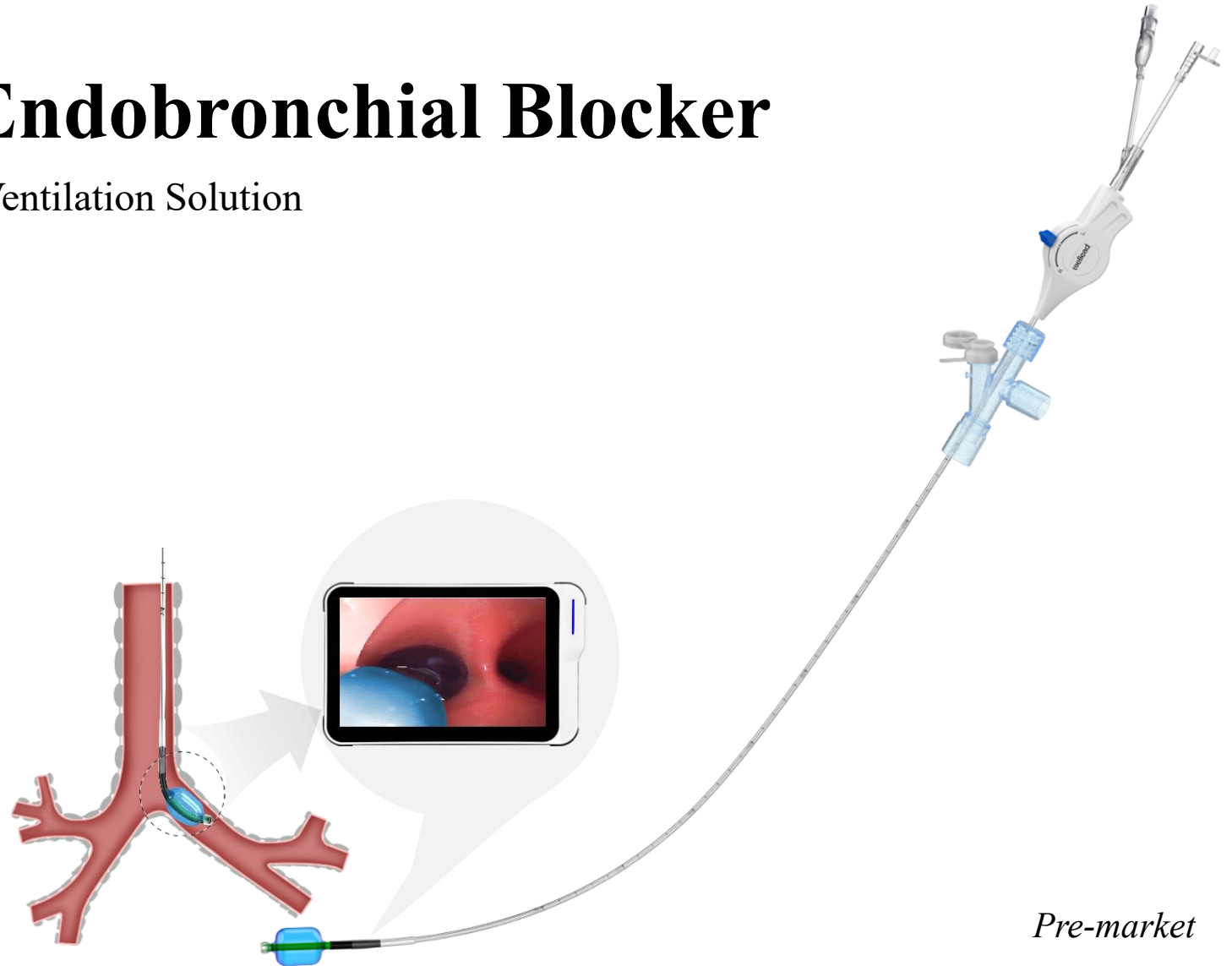


VisiSure™

Video Articulating Endobronchial Blocker

—Accurate · Rapid · Efficient One-Lung Ventilation Solution

- ◆ Real-time Visualization
- ◆ Articulation & Control
- ◆ Rapid & Accurate Placement
- ◆ FOB-free placement



Pre-market

Endobronchial blockers are widely used for one-lung ventilation, but their placement and positioning remain challenging in complex airway cases.

Challenges to Existing Endobronchial Blockers or OLV

◆ Malposition

1

- Frequent dislodgement during repositioning or lung manipulation (up to 30%)
- Interrupts surgery, requires repeated FOB guidance

◆ Low First-Attempt Success Rate

2

- DLTs and blockers require complex insertion and positioning
- Delayed anesthesia, increased risk of complications

◆ Airway Trauma

3

- Large, rigid DLTs increase trauma risk
- Higher incidence of sore throat, vocal cord injury, or tracheal damage.

◆ Heavy Reliance on FOB

4

- Positioning of both DLTs and blockers depends on FOB
- Increases equipment cost and procedural complexity

Reference:

- ① Brodsky JB et al., J Cardiothorac Vasc Anesth. 2010
- ② Knoll H et al., Anesth Analg. 2006

Introducing Video Articulating Endobronchial Blocker

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—Accurate · Safe · Efficient One-Lung Ventilation Solution

PU Ultra thin cuff

- Provides effective airway sealing
- Minimizes dead space

Articulation & controllable tip

- Bending angles: 180°/180° right & left
- Allowing precise navigation to the target bronchus while minimizing airway trauma during placement

Integrated camera

- Visual placement without FOB
- Real-time observation to avoid displacement during OLV
- Easy to lean and practice
- 1.6mm, 160K pixels

Handle grip

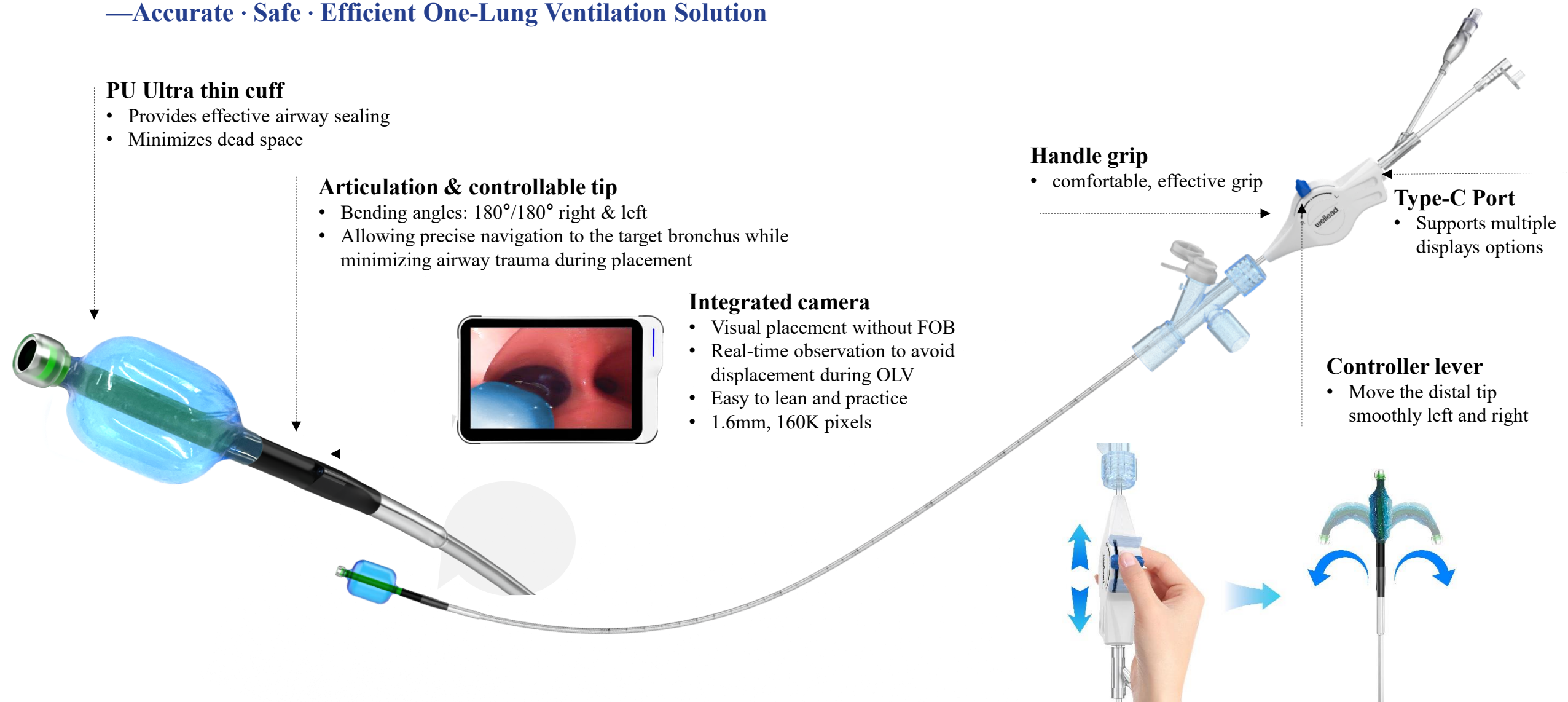
- comfortable, effective grip

Type-C Port

- Supports multiple displays options

Controller lever

- Move the distal tip smoothly left and right



Key Features of Video Articulating Endobronchial Blocker

Features

Advantages

Benefits

Integrated camera at the tip
(1.6mm, 160K pixels)

- Visual placement without FOB
- Real-time observation

- Improves accuracy and confidence during bronchial occlusion.
- Reduces or even eliminates the need for a FOB, saving costs and simplifying the procedure setup.
- Helps ensure correct placement, minimizing risk of complications and shortening procedure time

Articulation & controllable tip

- Easy directional control, precise placement

- Enhances navigation in challenging airways.
- Increases first-pass success rates, even in anatomically difficult or emergency cases

PU Ultra thin cuff

- Provides effective airway sealing
- Minimizes dead space

- Minimizes pressure-related mucosal injury
- Reduces the risk of microaspiration,
- Allows smoother insertion and removal

Slim, flexible tube

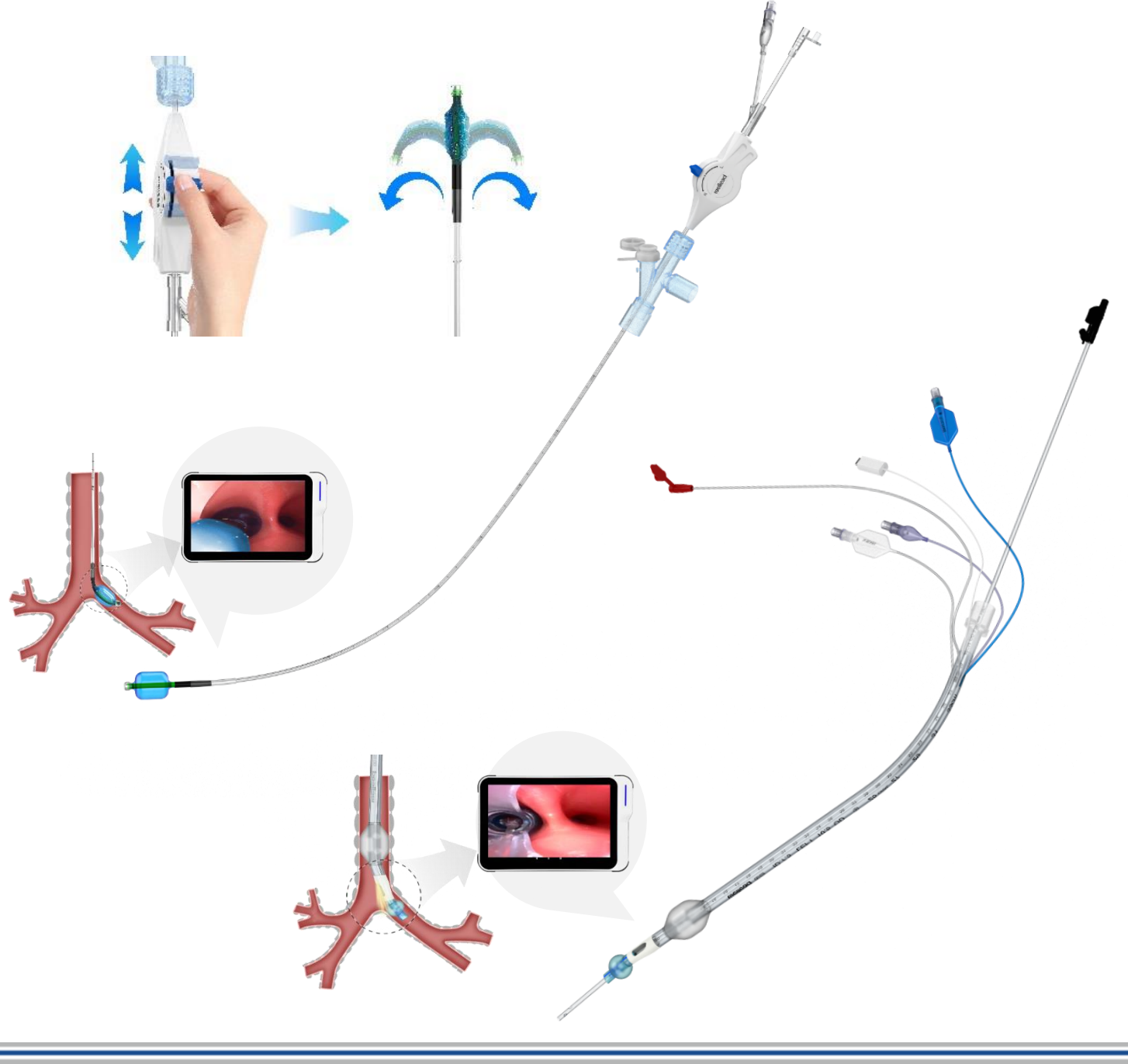
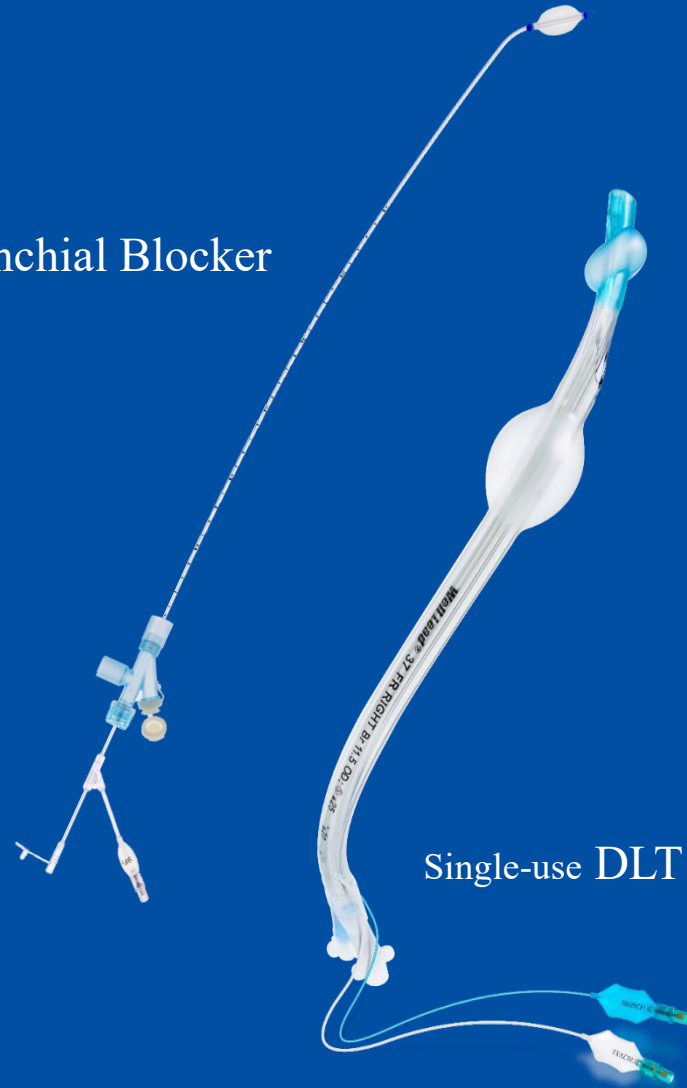
- Easy navigation in narrow airways

- Reduces risk of airway trauma and suits tight airways

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One-lung Ventilation Solution

Single-use
Endobronchial Blocker



Video Bronchial Blocker Combined with Video LMA

A Safer · Easier Alternative for One-lung Ventilation Airway Management

Challenge in Clinical Practice

Conventional OLV often relies on FOB and tracheal intubation:

- ⚠ Time-consuming
- ⚠ Technically demanding
- ⚠ Risk of airway trauma
- ⚠ Difficult in esophageal and others thoracic surgeries

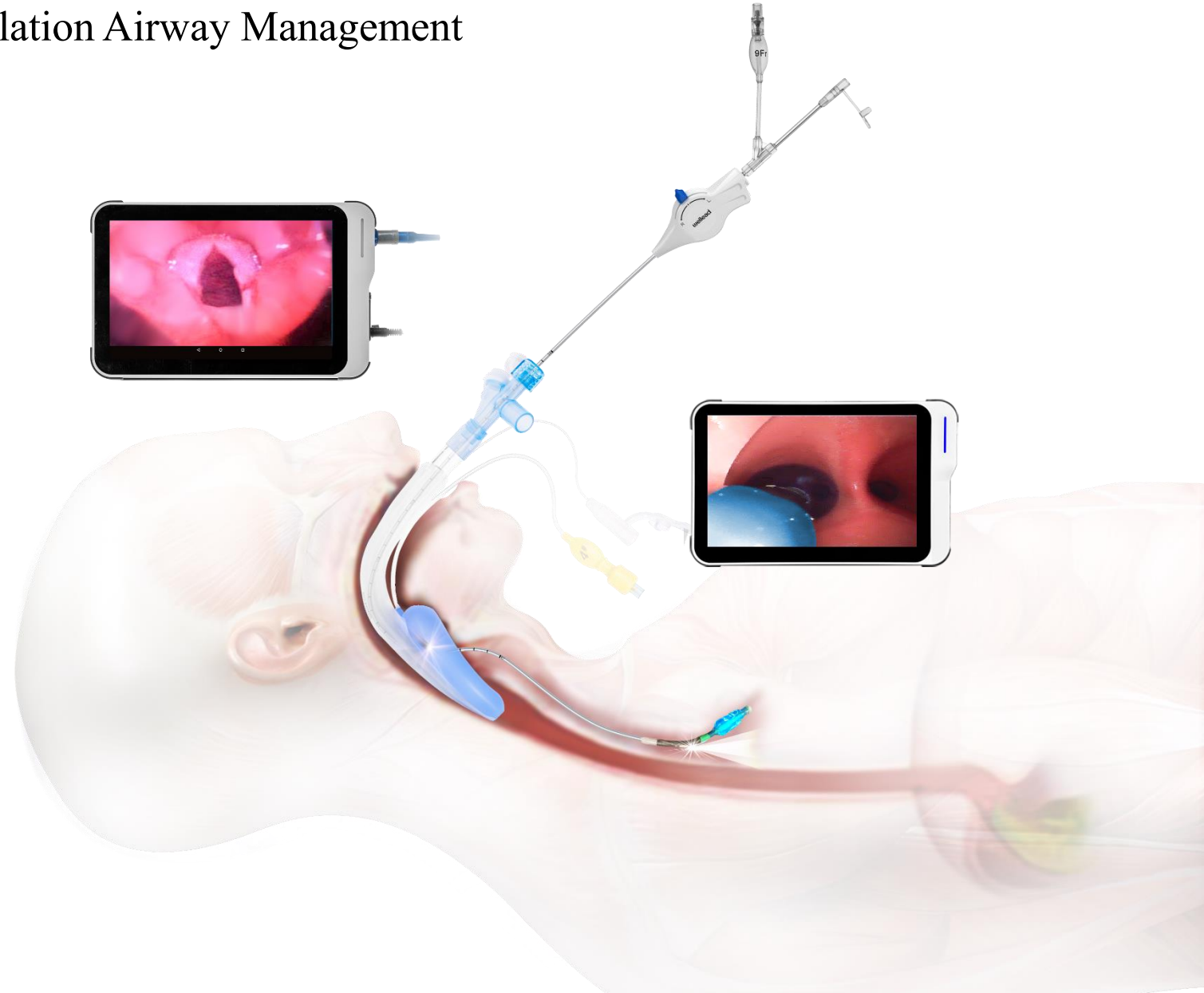
Innovative Solution

Combining a VLMA with a video bronchial blocker:

- 💡 Real-time visualization during placement
- 🚫 No need FOB or tracheal for intubation
- ✅ Reduced airway injury and faster setup

Ideal For

- ◆ Difficult airway patients
- ◆ Esophageal & thoracic surgeries
- ◆ Rapid OLV setup without advanced airway tools



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THANKS !